

Name: _____

Systems Word Problem Project

Rough Draft due Friday, November 13th

Directions: Create a SYSTEMS of linear equations word problem and solve the system yourself. You MUST be original in the wording of your problem and the numbers involved. (You will receive no credit if you take a problem from the textbook or online or your notes, use those values and just change some of the words or things involved.) You have FREEDOM over which type of systems word problem you create (ie: pricing, farm animals, transportation, anything!). **If you want an extra challenge, try one not taught in class (mixture, breaking even, current/wind) or create a system of THREE equations. Explanations for those are in the textbook.**

1. The Situation: (Write your situation here; include all important information and the TWO questions. Use only words - write out all numbers.)

2. The Variables: (Define your variables here.)

3. The System: (Write your system of equations here.)

4. The Solving Process: (Solve your system algebraically here.)

5. The Checking: (Check your solution here via substitution and reality.)

6. The Solutions: (Write your solutions here.)